

# Advances in Extratropical Cyclone Understanding and Prediction Since the 1979 Presidents' Day Storm

## *Past, Present, and Future Perspectives on Extratropical Cyclone Prediction*

**May 28, 2014**

**College Park, Maryland**

**NOAA Center for Weather and Climate Prediction**

4-8 inches of snow was forecast for the nation's capital... when the snow ended 18.7" was recorded at DCA with a large area of 20" or more blanketing the eastern suburbs of Washington, DC and eastern Maryland. The impact was paralysis. The rapid intensification, excessive snow rates, and snowfall totals of the 1979 President's Day Snowstorm exposed the limitations of the predictive capabilities of the time for extratropical cyclones. This coming February will mark the thirty-fifth anniversary of that momentous storm.

The National Centers for Environmental Prediction (NCEP) will host a one day colloquium on May 28, 2014 to:

- reflect on the challenges of that time
- discuss the advances in understanding and prediction of extratropical cyclones
- recognize those that contributed to those advancements
- discuss today's challenges predicting varying aspects of extratropical cyclones
- contemplate future challenges of extratropical cyclones

Please join us at the NOAA Center for Weather and Climate Prediction to honor this anniversary and hear from the featured speakers who helped to advance our understanding of extratropical cyclones, apply that understanding and improve prediction and services.



### **Featured Speakers**

**Dr. Louis Uccellini**  
Director, National Weather Service

**Dr. Lance Bosart**  
Professor, SUNY Albany

**Dr. John Gyakum**  
Professor, McGill University

**Dr. Clifford Mass**  
Professor, University of Washington

**Dr. Melvyn Shapiro**  
UCAR

**Paul Kocin**  
NWS Weather Prediction Center



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**Register online >>> <http://www.opc.ncep.noaa.gov/35th.php>**